

ABSTRACT OF DISCLOSURE

An ice maker including a cooling and heating apparatus to absorb heat on one side of the apparatus's structure, and then distribute the heat on the opposite side of the apparatus's structure, and at least one receptacle to receive water for freezing, wherein the receptacle is mechanically inverted in order to release the ice. The receptacle is located above the heat absorbing side of the apparatus when water is being frozen, and the receptacle is located below the heat distributing side when the ice is released.